

1 Claims.

I claim:

3 1. A trap comprising:

a trap body,

5 the body including a bottom member, a top member, a front member and a back member, a wall joining the members;

7 the front member comprising a top, a notch, the notch being at the front member top, the front member further comprising an opening therethrough, the opening being closed by a trap door;

9 the top member having at least one aperture therethrough, the first aperture being proximate to the notch, and a second aperture being positioned towards the back member;

13 the trap door being slidably retained between the front member and the body by a spacer;

15 a bait holder

the bait holder being pivotably attached to the top member and extending within the body; and

17 a trip mechanism, including a means for supporting the trap door, the trip mechanism in communication with the bait holder.

21 2. The trap as described in claim 1, wherein the front member further comprises a support bar, the support bar positioned between the trap door and the body.

23 3. The trap as described in claim 2, wherein the wall further comprises a slot, the slot proximate the front member, the slot being sized to receive and receiving the support bar therein.

27 4. The trap as described in claim 3, wherein the trap door includes an elongated slot therethrough.

1 5. The trap as described in claim 4, wherein the trap door slot
further comprises arcuate ends.

3 6. The trap as described in claim 5, wherein the arcuate ends are
of different sizes.

5 7. The trap as described in claim 6, wherein the trip mechanism
further comprises a rod.

7 8. The trap as described in claim 7, wherein the trip mechanism
further includes a prop attached to the rod, the prop being sized
9 to fit within the notch.

11 9. The trap as described in claim 8, wherein the trip mechanism
further includes a weighted portion.

13 10. The trap as described in claim 9, wherein the bait holder
further comprises a pair of support brackets, the support brackets
15 attached to the top member on opposite sides of the second
aperture, and the bait holder further comprises a boss, the boss
17 being pivotably retained between the support brackets by a pivot
pin received therethrough.

19 11. The trap as described in claim 10, wherein the bait holder
further comprises a back member, a trip mechanism receiving means
21 positioned on the back member and near the boss, and a second pivot
pin, the trip mechanism receiving means further comprising a pair
23 of walls, each wall having an opening therethrough, the trip
mechanism receiving means receiving an end of the trip mechanism,
25 and the second pivot pin pivotably retaining the trip mechanism
between the walls.

27 12. The trap as described in claim 11, wherein the bait holder
further comprises a bait chamber, the bait chamber further
comprising a front member, a back member and a pair of side

1 members, the bait chamber being open at its top.

3 13. The trap as described in claim 12, wherein the bait chamber
front member further comprises an opening therethrough.

5 14. The trap as described in claim 13, wherein the trap further
comprises a means for retaining the trip means, and wherein the
7 means for retaining the trip means is a loop attached to the trap
body top member, between the bait chamber and the trap door.

9 15. The trap as described in claim 14, wherein the front member
further comprises a second notch, the second notch being contiguous
with the opening.

11 16. The trap as described in claim 15, wherein the trap door
further comprises a lift knob.

13 17. The trap as described in claim 16, wherein the trip mechanism
is received through the elongated slot.

15 18. The trap as described in claim 17, wherein the trap is
manufactured from one or more materials selected from the group
17 consisting of plastic, metal, steel, stainless steel, wire and mesh
and combinations thereof.

19

1 19. A trap comprising:

a trap body,

3 the body including a bottom member, a top member, a front member and a back member, a wall joining the members;

5 the front member comprising a top, a notch, the notch being at the front member top, the front member further comprising an opening therethrough, the opening being closed by a trap door;

7 the top member having at least one aperture therethrough, the first aperture being proximate to the notch, and a second aperture being positioned towards the back member;

11 the trap door being slidably retained between the front member and the body by a spacer, the trap door further including an elongated slot therethrough;

15 a bait holder comprising:

17 a pair of support brackets, the support brackets attached to the top member on opposite sides of the second aperture;

19 a boss, the boss being pivotably retained between the support brackets by a pivot pin received therethrough;

21 a back member including a trip mechanism receiving means near the boss, and a second pivot pin, the trip mechanism receiving means further comprising a pair of walls, each wall having an opening therethrough;

25 the bait holder being pivotably attached to the top member and extending within the body; and

27 a trip mechanism, comprising a rod having a first end received in the trip mechanism receiving means, the second pivot pin pivotably retaining the trip mechanism between the walls; the trip

1 mechanism further comprising a prop, the prop attached to the rod,
the prop being sized to fit within the notch and thereby
3 supporting the trap door, and the rod second end being received
through the elongated slot.

5 20. The trap as described in claim 19, wherein the front member
further comprises a support bar, the support bar positioned between
7 the trap door and the body;

21. The trap as described in claim 20, wherein the wall further
9 comprises a slot, the slot proximate the front member, the slot
being sized to receive and receiving the support bar therein;

11 22. The trap as described in claim 21, wherein the trap door
further comprises a lift knob.

13 23. The trap as described in claim 22, further comprising a means
for retaining the trip means, and wherein the means for retaining
15 the trip means is a loop attached to the trap body top member,
between the bait chamber and the trap door.

17 24. The trap as described in claim 23, wherein the bait holder
further comprises a bait chamber, the bait chamber further
19 comprising a front member, a back member and a pair of side
members, the bait chamber being open at its top.

21 25. The trap as described in claim 24, wherein the trip mechanism
further includes a weighted portion.

23 26. The trap as described in claim 25, wherein the lift knob is
sized to be slidably received, and can be slidably received, in the
25 second notch.

27 27. The trap as described in claim 26, wherein the trap is
manufactured from one or more materials selected from the group

1 consisting of plastic, metal, steel, stainless steel, wire and mesh
and combinations thereof.

3

1 28. A trap comprising:

 a trap body,

3 the body including a bottom member, a top member, a front
member and a back member, a wall joining the members;

5 the front member comprising:

 -a top and a notch, the notch being at the front member top,

7 -the front member further comprising an opening therethrough,
the opening being closed by a trap door; and

9 -a second notch, the second notch being contiguous with the
opening;

11 the top member having at least one aperture therethrough, the
first aperture being proximate to the notch, and a second aperture
13 being positioned towards the back member;

 the trap door being slidably retained between the front member
15 and the body by a spacer, the trap door further including an
elongated slot therethrough, and a lift knob;

17 the front member further comprising a support bar, the support
bar positioned between the trap door and the body;

19 the wall further comprising a slot, the slot proximate the
front member, the slot being sized to receive and receiving the
21 support bar therein;

 a bait holder comprising:

23 a pair of support brackets, the support brackets attached
to the top member on opposite sides of the second
25 aperture;

 a boss, the boss being pivotably retained between the
27 support brackets by a pivot pin received therethrough;

 a back member including a trip mechanism receiving means
29 near the boss, and a second pivot pin, the trip mechanism

1 receiving means further comprising a pair of walls, each
wall having an opening therethrough;

3 the bait holder being pivotably attached to the top
member and extending within the body; and

5 a trip mechanism, comprising a rod having a first end received
in the trip mechanism receiving means, the second pivot pin
7 pivotably retaining the trip mechanism between the walls;
the trip mechanism further comprising a prop, the prop attached to
9 the rod, the prop being sized to fit within the notch and thereby
supporting the trap door, and the rod second end being received
11 through the elongated slot.

13 29. The trap as described in claim 28, wherein the trap further
comprises a means for retaining the trip means, and wherein the
means for retaining the trip means is a loop attached to the trap
15 body top member, between the bait chamber and the trap door.

17 30. The trap as described in claim 29, wherein the bait holder
further comprises a bait chamber, the bait chamber further
comprising a front member, a back member and a pair of side
19 members, the bait chamber being open at its top.

21 31. The trap as described in claim 28, wherein the trip mechanism
further includes a weighted portion.

23 32. The trap as described in claim 31, wherein the lift knob is
sized to be slidably received, and can be slidably received, in the
second notch.

25 33. The trap as described in claim 32, wherein the trap is
manufactured from one or more materials selected from the group
27 consisting of plastic, metal, steel, stainless steel, wire and mesh
and combinations thereof.